

InterOffice Memorandum

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Date: June 10, 1997

To: Dan Even

Subject: **Monthly Report – May 1997**
Product Development
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ORTHODONTIC PRODUCTS**RESEARCH AND EXPLORATORY PRODUCT INVESTIGATIONS****CustomRx CUSTOM LABIAL APPLIANCE SYSTEM (Project 853-E Craig Andreiko/Eric Chapoulaud)****a. Lab Reopening (Craig Andreiko)****1) Accomplishments / Status**

- Improvement of the JIG Design for the Upper Lateral: Modification of the lingual surface to remove interferences, Modication of the manufacturing software to improve precision of the milling paths.
- Improvement of the visualization software: Modification of the sections functionnality to allow easier debugging of the Jig design and manufacuring software.

2) Goals For June

- Improve the Jig design and manufacturing for the Upper Lateral Jig.
- Creation of 5x5 case of Jigs.

3) Major Project Milestones

- 3D JIG Design review: 6/30/97

b. 3D Digitizing (Eric Chapoulaud)**1) Accomplishments / Status**

- No development was done this month.

2) Goals For June

- No development is anticipated this month.

3) Major Project Milestones

- Mandibular jaw of the PK Thomas model scanned: 6/22/97.

c. Bracket Fabrication (Eric Chapoulaud)**1) Accomplishments / Status**

- Reception and Set-up of the Wax patterns manufacturing machine from SANDERS prototype Inc: "Model Maker Pro".
- Produced wax parts of Upper Lateral brackets in different sizes: real life, scale 10 and currently scale 20.
- During the parts manufacturing, we have been adjusting the machine parameters to our labaoratory conditions and to our parts size, shape and accuracy.

2) Goals For June

- Training at SANDERS for E. Chapoulaud and L. Phaneuf.
- Continue adjusting parameters of the machine for better precision and reliability
- Produce customized wax patterns of brackets and JIGS, using the Elan Software.

3) Major Project Milestones

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EXHIBIT A
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